

P a t e n t C l a i m s

1. A tensioning device for strip-shaped tension members on supporting structures, especially concrete supporting structures, with a tensioning traverse, which is detachably fastened to a base plate that is permanently fastened to the supporting structure, whereby a prestressing anchor, connected to the strip-shaped tension member by means of clamping, may be displaced by means of pressing elements that are supported on the tensioning traverse for the purpose of applying tension to the tension member and against the tensioning traverse or the base plate (9), characterized in that a guide body (25), which supports the tension member (1) so that it can glide, at least upward, is arranged between the tensioning traverse (14) and the prestressing anchor (18) in a stationary manner.
2. A tensioning device according to claim 1, characterized in that the guide body (25) exhibits a guide slit (29) that can accommodate the tension body (1) so that it can glide.
3. A tensioning device according to claim 1 or 2, characterized in that the guide body (25) is applied to a guide support (24) that is connected to the tensioning traverse (14) so as to be deflection resistant.
4. A tensioning device according to claim 3, characterized in that the guide body (25) is arranged on the top of the tension member (1) and exhibits lateral sections (26) that protrude laterally beyond the tension member (1), which are detachably fastened to a bracket (27) that lies beneath the tension member (1).
5. A tensioning device according to claim 1, characterized in that the pressing elements lie in the plane of the tension member.

-9-

6. A tensioning device according to claim 1 or 5, characterized in that the support of the prestressing anchor occurs by the use of blocks or the like in the plane of the tension member.